

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

P45GL
Revision 3
McCauley
3FF32C
3FF34C
April 16, 2001

TYPE CERTIFICATE DATA SHEET NO. P45GL

Propellers of models described herein conforming with this data sheet, which is part of Type Certificate No. P45GL and other approved data on file with the Federal Aviation Administration, meet the minimum standards for use in certificated aircraft in accordance with the pertinent aircraft data sheets and applicable portions of the Federal Aviation Regulations provided they are installed, operated, and maintained as prescribed by the approved manufacturer's manuals and other approved instructions.

Type Certificate Holder	McCauley Propeller Systems 3535 McCauley Drive Vandalia, Ohio 45377
Type	Constant speed and full feathering; hydraulic (see Notes 3 and 4)
Engine Shaft	Special flange 4.25 inch B.C.
Hub Material	Aluminum Alloy
Blade Material	Aluminum Alloy
Number of Blades	Three
Hubs Eligible	3FF32C501, 3FF34C529

Blades Eligible (See Note 2)	Maximum <u>Continuous</u>		<u>Take-Off</u>		Diameter Limits (See Note 2)	Approx. Maximum Weight Complete (For Reference Only) (See Note 3)
	HP	RPM	HP	RPM		
<u>Hub Model 3FF32C501</u>						
90UMB-0 to 90UMB-8	375	2275	375	2275	90" - 82" (-0 to -8)	97.5 lbs.
<u>Hub Model 3FF34C529</u>						
106 AWA-0 to 106 AWA-8	600	2100	600	2100	106" – 98" (-0 to –8)	106 lbs.

Certification Basis Type Certificate No. P45GL issued September 25, 1975 under Delegation Option Authorization Provisions of Part 21, Subpart J, of the 14 Code of Federal Regulations (CFR). Date of application for Type Certificate, February 20, 1975.

Model 3FF32C501 type certificated under Delegation Option Authorization Provisions of 14 CFR Part 35 including Amendments 35-1 through 35-2 (March 4, 1967) thereto.

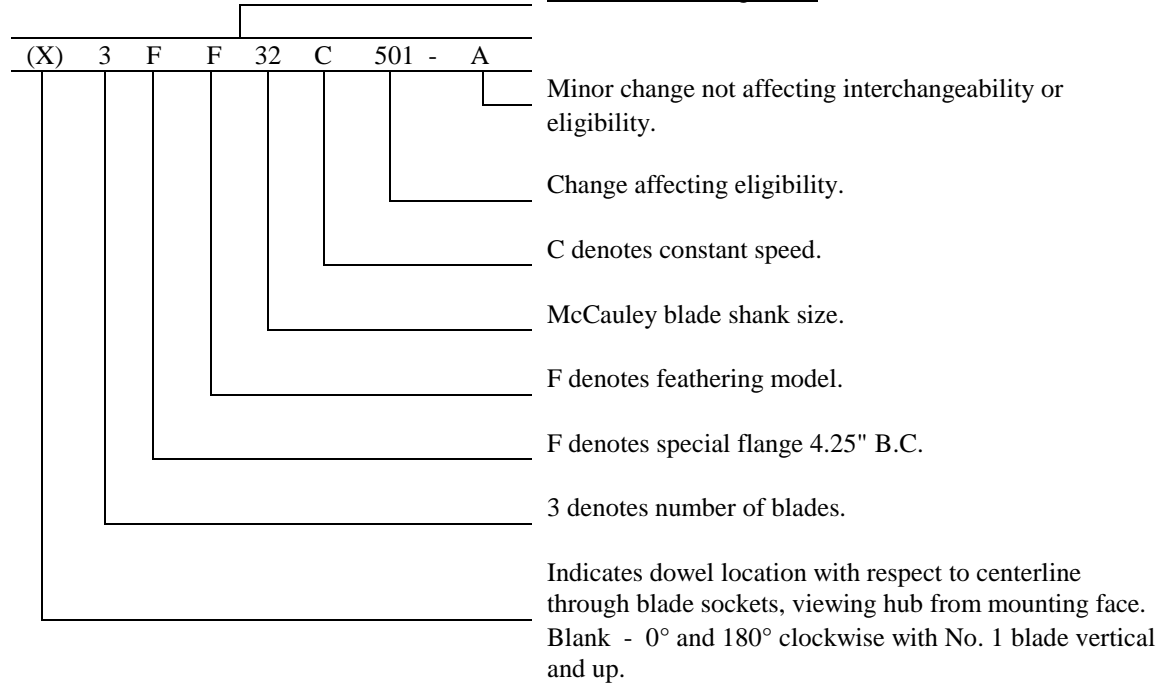
Model 3FF34C529 type certificated under Delegation Option Authorization Provisions of 14 CFR Part 35 including Amendments 35-1 through 35-6 (August 18, 1990) thereto.

Page No.	1	2	3
Rev. No.	3	2	3

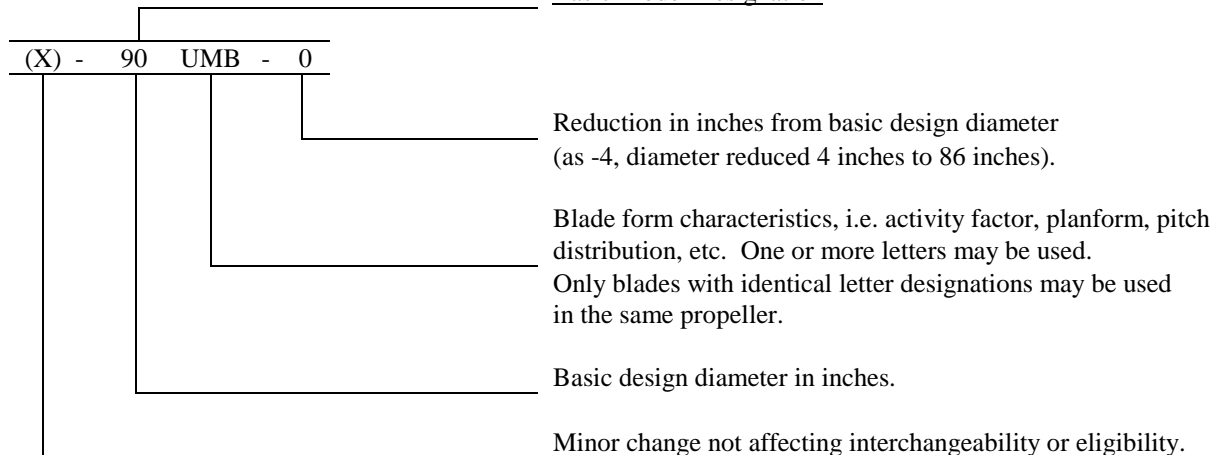
Production Basis

Production Certificate No. 3

NOTE 1.

Hub Model DesignationBasic Model Designation

NOTE 2.

Blade Model DesignationBasic Model DesignationNOTE 3. Pitch control. Eligible with the following governors:

McCauley Model DCF290D(X)/T(X)	Wt. 3.0 lb.
McCauley Model DCFU290D(X)/T(X)	Wt. 3.0 lb.
McCauley Model DCFS290D(X)/T(X)	Wt. 3.0 lb.
McCauley Model DCFUS290D(X)/T(X)	Wt. 3.0 lb.

NOTE 4.

Feathering. Eligible with full feathering control installed in accordance with the propeller manufacturer's instructions. Controls may include unfeathering, synchronizing or synchrophasing features.

NOTE 5. Left-Hand Models. The left-hand version of an approved model is eligible at the same rating and diameter limitations as listed for the right-hand model.

NOTE 6. Not applicable.

NOTE 7. Accessories.

(a) Propeller Anti-Icing

(1) Model 90UMB blades eligible with Goodrich 4E2152-2 deicer installed per Goodrich Report No. 59-728.

(b) Spinners

(1) Model 3FF32C501/90UMB eligible with plain or electric deicer spinner; Reference D-3534 Dome, D-4506 Bulkhead, and D-4509 Installation.

(2) Model 3FF34C529 per Assembly Drawing E-7696.

NOTE 8. Not applicable.

NOTE 9. Not applicable.

NOTE 10. The word "eligible" as used herein does not signify approval as part of this type certificate. "Eligible" accessories must be approved as part of the aircraft type certificate upon compliance with the applicable airworthiness requirements.

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